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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/660,435	09/08/2000	Michael G. West	20030/40:2	6208

3528 7590 01/15/2002

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EXAMINER

GRANT, CHRISTOPHER C

ART UNIT	PAPER NUMBER
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2611

DATE MAILED: 01/15/2002

#5

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.  
09/660,435

Applicant(s)

WEST

Examiner

Christopher Grant

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_\_
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claims \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- a) ☐ All b) ☐ Some\* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

- 15) ☐ Notice of References Cited (PTO-892)
- 16) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 17) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s). 44
- 18) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 19) ☐ Notice of Informal Patent Application (PTO-152)
- 20) ☐ Other: \_\_\_\_\_

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## DETAILED ACTION

### *Reissue Applications*

#### *Oath/Declaration*

1. The oath or declaration is defective. A new oath or declaration in compliance with 37 CFR 1.67(a) identifying this application by application number and filing date is required. See MPEP §§ 602.01 and 602.02.

The oath or declaration is defective because:

- (a) The oath or declaration must state that “*all errors being corrected in the reissue application up to the time of the filing of the oath or declaration arose without any deceptive intention on the part of the applicant*”. See 37 CFR 1.175 (a)(2).
- (b) The oath or declaration must state that the person signing has reviewed and understands the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration as required under 37 CFR 1.63 (b) (1).

2. Claims 1-25 are rejected as being based upon a defective reissue declaration under 35 U.S.C. 251 as set forth above. See 37 CFR 1.175.

The nature of the defect(s) in the is set forth in the discussion above in this Office action.

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3. The original patent, or an affidavit or declaration as to loss or inaccessibility of the original patent, must be received before this reissue application can be allowed. See 37 CFR 1.178.

The original ribboned copy of the patent has not been surrendered. See MPEP 1416.

***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

5. Claims 1-5, 11, 13 and 21-23 are rejected under 35 U.S.C. 102(e) as being anticipated by Onagawa (provided by applicant with IDS filed 9/8/2000).

Considering claims 1, 4 and 21, Onagawa discloses a method for recovering a correct phase and frequency clock for an analog video signal that is converted for display on a digital display comprising:

- a) generating a pixel clock (output of VCO 6, figures 3, 5 or 6);
- b) converting an analog video signal to a digital video signal (1) (figures 3, 5, or 6);
- c) estimating an expected width (E) of an image producible by the analog video signal ("required video data interval", col. 5, lines 28-40, col. 6, lines 5-52 and col. 7, lines 8-45);

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d) determining an actual width (W) of an image producible by the digital video signal ("effective video interval", see the entire reference including but not limited to col. 5, lines 28-40, col. 6, lines 5-52 and col. 7, lines 8-45); and

e) iteratively adjusting the digital video signal (performed by circuits 3,4,5,6,7) until the actual width (effective video interval) equals the expected width (required video data interval).

Claims 2, 5 and 22 are met by the functions performed by A/D (1) and circuits (3-7).

Claims 3, 13 and 23 are met by frequency the functions performed by circuit (3,7) and (4-6) respectively.

Claim 11 is met by one or more of the functions performed by circuits (3,7) and/or circuit (22, figure 5).

### ***Claim Rejections - 35 USC § 103***

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Onagawa.

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Considering claim 8, Onagawa discloses a register for storing expected width (E) (required video data interval). However, he fails to specifically disclose a look up table as recited in the claim.

The examiner takes Official Notice that it is notoriously well known in the art to utilize a look-up table (rows and columns of data) for automatically retrieving stored data for processing based upon an input argument or parameter.

Therefore, it would have been obvious to one of ordinary in the art to modify Onagawa's system (if necessary) to include a look-up table for the typical advantage of automatically retrieving stored data for processing based upon an input parameter.

### ***Conclusion***

**8. Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**or faxed to:**

(703) 872-9314 (for formal communications intended for entry and for informal or draft communications, please label "PROPOSED" or "DRAFT")

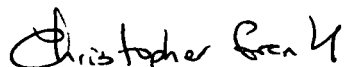
Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chris Grant whose telephone number is (703) 305-4755. The examiner can normally be reached on Monday-Friday from 8:00am to 5:00 pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Faile, can be reached on (703) 305-4380.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to customer service whose telephone number is (703) 306 0377.



**Christopher Grant**  
**Primary Examiner**  
**January 12, 2002**